

*Frank Stephens
Field Notes, 1927*

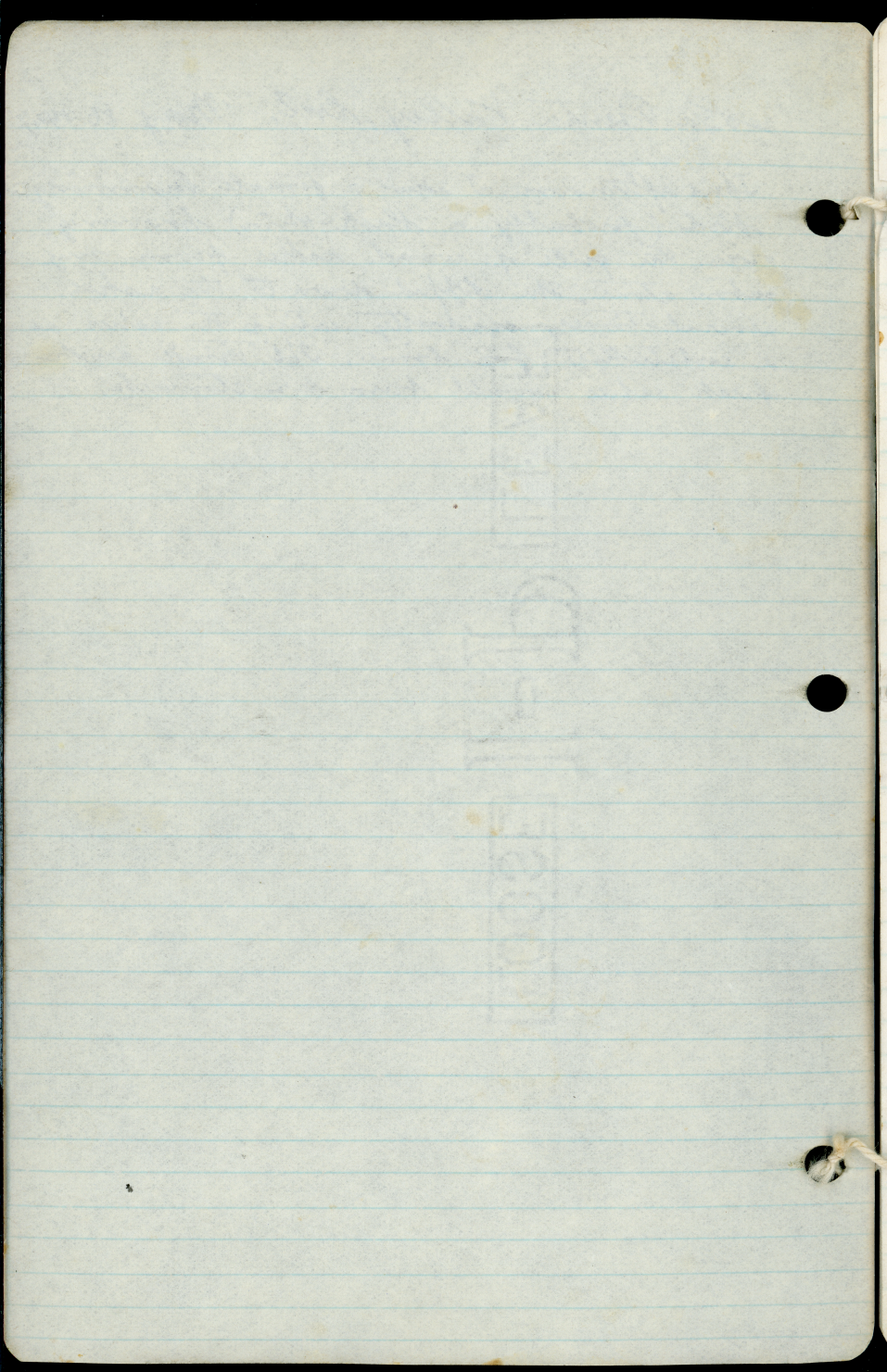
May 16 - July 15, 1927

SAN DIEGO NATURAL HISTORY MUSEUM

La Puerta Valley, Cal. May 16 1927

This afternoon I saw a female hummingbird (probably a black-chin) hovering over the pile of wood ashes from my cabin stove. She dipped down to the ashes several times, evidently eating the ashes as a substitute for lime. I'd think another fresh ashes would burn her stomach.

Box 177



June 9, 1927

We arrived at Ojos Negros at about noon today and pitched camp among the jumpers a short distance from the road. This portion of the Ojos Negros Valley is overgrown with a large growth of *Juniperus* and *artemisia* sage. There was a brisk cool west wind all afternoon which abated at nightfall.

Ravens and Turkey Vultures are common in the valley and at nearly any time during the day Turkey Vultures can be seen soaring overhead.

Mockingbirds were heard in camp singing and calling in the jumpers. In the middle of the afternoon Mr. Huey and I took a hike to some hills at the side of the valley about a half a mile from camp. We walked through an association of jumpers until we arrived at the hills. Here the association changed to mainly *Adiantum*. The side of the hills had been rained by fire leaving the charred branches of the charcoal. The fire was not recent as a new growth has had a good start.

While I was walking through the jumpers up a draw, I heard the warbling song of a vireo. As I neared the singer, it ceased its song and uttered a single rasping alarm note as did its mate which was nearby. I collected one of the birds which was hiding in the branches of a juniper. The vireo was

Camp made about half mile north west
of Ojos Negros ranch house.

later identified by Mr. Huey as the
Gray Vireo, Vireo cinereus. Near where
I collected the Vireo, I frightened a young
cottontail from a clump of dry grass.
Valley Quail were common and
were heard calling many times. I flushed
a number of pairs. I heard Gnatcatchers
calling from the junipers. On
the hillside I saw a few Bell
sparrows and a pair of Wren-tits
in the Adiantum. One of the Wren-
tits uttered its long staccato call.

In a small canyon in which grew
several live oaks, I saw several
Belding Jays which flew uttering
their harsh call as I made my
way down the canyon. I found
a large boulder on top of one of
the hills which was evidently
the roosting place of large birds as
it was white-washed with excreta.

At the base of the boulder I found
the feather of presumably a Red-Tail
Hawk. On the return trip to camp
I saw a single Bewick Wren on a
dead branch of a juniper but was
unable to shoot it. I heard a
number of Gray Vireos singing and
calling. When I returned to camp
I found that Mrs. Canfield and Mr.
Huey had found a pair of Gray
Vireos and a couple half grown
young in a juniper near camp.
After a little difficulty in finding
them, I collected one of the adults and
Mr. Huey collected one of the young.

June 11 1927
In a juniper tree close to camp Mrs. Canfield found the nest of a *Phainopepla*. The nest was about eight feet from the ground and was placed in a clump of mistletoe at the end of a branch. The nest contained two fresh eggs. The male bird flew about at a distance while we examined the nest.

Before supper I set out my mouse traps and three rat traps in the junipers. While I was setting out my traps a pair of *Nighthawks* flew several times close to me and uttered their peculiar call.

A bat was heard calling after dark.

June 10
Out of 36 mouse traps and 3 rat traps set in the juniper association I got 1 *Neotoma fuscipes*, 10 *Lipodomys agilis*, 7 *Peromyscus maniculatus*, and 2 *Peromyscus californicus*.

While skinning the mammals this morning a single *Western Martin* flew over the camp low enough to be identified easily. In the afternoon two *Golden Eagles* flew over camp uttering a shrill guttural cry.

The latter part of the afternoon Mr. Huey and I walked to the Ojos Negros ranch house for water. In a small lake bordered on one side by tules we saw several pairs of *Cinnamon Teal*. A large flock of *Belted Wings* were

seen about the lake. The eagles are undoubtedly nesting about the lake as Mr. Corne at the ranch reports finding a nest near the lake. A pair of Say Phoebes and several Western Kingbirds were seen at the Ranch house. This afternoon Mrs. Canfield collected a few more Gray Vireos and found a nest with four half grown young. The young are not yet completely feathered and are still quite helpless.

This evening I set out my traps in the *Adiantum* on a low hill at the side of the Valley about a half mile from camp.

The weather was cloudy and windy and quite disagreeable today.

A number of Cliff Swallows were seen at the Ranch house and occasionally one flies over camp.

June 11, 1927

Out of 36 mouse traps set in an *Adiantum* association on a hillside I got 5 *Dipodomys agilis*, 2 *Peromyscus californicus* *insignis*?, and 3 *Peromyscus maniculatus*.

This evening I set 36 mouse traps and 7 rat traps in the junipers about the camp. A number of Texas Nighthawks were seen flying about catching insects. Their queer calling could be heard steadily all evening. A poorwill was also heard.

June 12, 1927.

Of 36 mouse traps and 7 rat traps set about camp I got 2 *Neotoma fuscipes* *macrodis*, 2 *Dipodomys agilis* *simulans* and 6 *Peromyscus maniculatus* *gambeli*.

This morning I took a hike to the side of the Valley and back.

Valley Quail were common and at one place I frightened a covey of valley quail which were just able to fly. I saw a number of pairs of Western Kingbirds in the junipers and elderberries near the side of the road not far from camp. I found one nest of four well developed downy young in a large juniper and a few well grown young were frightened from an elderberry tree near the road. I collected a Bewick Wren from a pair which I found in some junipers. Nearby I collected an immature Brown Towhee

I saw a single Belding Jay perching
on the top of a low juniper.
After a short stay I collected an
immature Raven from a dead tree
~~near~~ the side of hill. ~~Then~~ Near
the side of the road I collected a single
California Shrike in rather poor plumage.
Several pairs ~~were~~ of Brewer Blackbirds
were seen in a small group of elderberry
trees near the road which were evidently
nesting though I found no nests. Nearby
on the other side of the road I saw a
single Black-headed Grosbeak fly
to the top of a juniper and apparently
singing. I collected an adult male
Phainopepla from a juniper tree near
camp which had its crop and throat
crammed with bright red berries.

This evening I set out 36 mouse traps
and 7 rat traps about camp amongst
the junipers and Artemisia Sage.
While setting my traps a pair
of Western Martins flew overhead.
Several Nighthawks were seen this
evening.

June 13, 1927

From 36 mouse traps and 7 rat traps set in the junipers about camp I got 1 *Dipodomys agilis similans*, #4 *Neotoma fuscipes macrotis*, 1 *Peromyscus californicus insignis*, and 4 *Peromyscus maniculatus gambeli*.

This morning we packed up the trucks and left the Negroes camp in the first part of the afternoon for Sangre de Cristo at the southeastern extreme part of the San Rafael Valley. We arrived at Sangre de Cristo at about 4:30 P.M. and made camp at the top of the hill east of the ranch. The ground is sandy and there is a good growth of Yucca, Squaw-Tea, Buckwheat, and Yucca and a few small mesquites.

This evening I set out 35 mouse traps in the above mentioned association.

Texas Nighthawks were very common flying about in the evening and a few Poorwills and bats were seen.

June 14, 1927.

Out of the 35 mouse traps set in the association of Yucca, Squaw-Tea and buckwheat at Sangre de Cristo I collected 1 *Dipodomys agilis* (imm), 3 *Dipodomys merriami*, 4 *Peromyscus maniculatus*, and 1 *Perognathus fallax*. Desert black-throated Sparrows are common in the brush. This morning a small flock of Ravens flew over camp calling. This afternoon I took a short walk down the canon near

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June 14, 1927

which we are camping. I saw a number of Black-throated Sparrows, Mockingbirds, Phainopepla, a few pairs; a pair of Brown Towhees and a Western Gnatcatcher.

This evening I set my traps in an association of Jojoba, Squaw Tree, and Wild Buckwheat near where I set them last night. At dusk Mr. Huey collected a Texas Nighthawk and a small Pipistrellus bat.

June 15, 1927

From 35 traps set in association of Jojoba, Tree and Buckwheat I got 3 Dipodomys merriami, 1 Perognathus fallax, and 4 Peromyscus maniculatus.

This afternoon I took a walk down the canyon near camp. I collected 1 Bell Sparrow and 3 Desert Black-Chinned Sparrows and saw and heard singing many more. I saw a pair of Ash-Throated Flycatchers in a mesquite bush in the canyon.

Costa Hummingbirds are quite common in this locality. Near the bottom of the canyon I collected one adult female Ammodramomorphus and two immatures.

I also heard an Otospermophilus calling. This evening I set my traps at the head of the canyon south of camp.

June 16, 1927.

From 33 mouse traps set in association of Jozoba, Tea, and Will Buckenheat, I got 1 *Dipodomys agilis*, 1 *Dipodomys merriami*, 1 *Perognathus fallax*, and 1 *Peromyscus maniculatus*.

During the last few days it has been very hot during the day making work nearly impossible.

I set my traps this evening along the bottom of the cañon near camp.

At dusk, I shot a Texas Nighthawk which flew over camp calling.

A few large bats were seen.

June 17, 1927.

From 32 traps set in cañon west of camp I collected 1 *Perognathus l.*, 1 *Dipodomys merriami*, and 2 *Peromyscus m.*

The weather was cooler today.

I set my traps through the brush on the mesa northeast from camp.

June 18, 1927

From 29 traps set on mesa in association of Jozoba Buckenheat and Squaw Tea, 2 *Perognathus l.*, ~~2 *Cynchomys*~~ 2 *Cynchomys*, 1 *Dipodomys agilis*, 1 *Dipodomys merriami*, and 1 *Peromyscus m.* were caught.

This morning I set out 8 rat traps for *Onychomys leucogaster* but none were caught although several were seen and 1 shot by Mrs. Canfield. A number of

Black-tailed Gnatcatchers were seen
in the cañon and I collected by
Mrs. Canfield.

The weather was also cooler today.
This evening I set my traps on the
mesa northeast of camp.

June 19, 1927

From the 29 mouse traps set in association of Jojoba, wild-buckwheat, and Tea on mesa above camp, 1 *Perognathus l.*, 1 *Perognathus fallax*, 1 *Peromyscus m.*, 1 *Dipodomys merriami*, and 1 *Dipso. agilis*, were caught.

This morning I saw a California Woodpecker in a mesquite tree near the Sangre de Cristo ranch house.

This afternoon I collected a Jack rabbit, *Lepus*, and an *Ammospermophilus*. The rabbit was in very poor pelage. Both were collected in the canon below camp.

A vireo was heard singing in a canyon about a half mile below camp in a mesquite tree.

Mr. Huey has been setting gopher traps about camp for the last couple days and has collected several. The mounds are very common.

I set my traps this evening on the mesa north of camp, along where I have set them the last few nights.

June 20, 1927

From 29 traps set on mesa north of camp, I collected 1 *Dipodomys agilis*, 1 *Dipodomys merriami*, and 1 *Peromyscus m.* I got an immature *Ammospermophilus* in a trap in the canyon below camp this morning.

I set my traps this evening in a small canyon about $\frac{1}{2}$ mile east of road below camp. While returning

June 20, 1927
back to camp I shot a cottontail
rabbit, Sylvilagus, near the small road.
I also saw a poorwill on the
road and a number of Texas
Nighthawks

June 21, 1927
From the 29 mouse traps set in
cañon near the indian's shack below camp
in association of Jojoba, buckwheat, Squaw
Tea and cactus, I got 3 Dipodomys
merriami and 3 Peromyscus m.
It was quite hot today, hotter than it
has been for the last few days.
This evening I set out my traps about
a quarter of a mile up the road northwest
of camp.

June 22, 1927.

Out of 29 mouse traps set in association
of Jojoba, Mesquite, Squaw Tea, and buckwheat
about a quarter of a mile northwest of camp,
I got 2 Dipodomys agilis, 2 Peromyscus m.,
and 1 Perognathus fallax.
This morning I collected two immature
Ammodramus in the cañon below
camp. I saw a number of California
Thrashers in the mesquites in the cañon.
This evening I set my traps in nearly
the same place as yesterday evening.

June 23, 1927

From 29 traps set on mesa north of camp, I got 3 *Dipodomys agilis*, and 1 *Peromyscus m.*, and 1 *Perognathus fallax*.

This morning, I took a walk down the cañon in quest of *Ammospermophilus*.

Mockingbirds, Towhees and Mourning doves were very common in the mesquites. Valley Quail were also common there being large numbers of young. I also saw a single Red-shafted Flicker. I saw very few *Ammospermophilus* and was unable to collect any.

The weather was unbearably hot today; the hottest day we have had on the trip.

This evening I set my traps ~~set~~ among the tules in the marsh near the Sayre de Cristo Ranch house a short distance west of Camp.

June 24, 1927

From 24 mouse traps set in marsh near Sayre de Cristo Ranch house among tules, marsh grass and *Yrba mansa*, I got 3 *Reithrodontomys l.*

The weather was very hot and dry today.

This morning, I took a walk down the cañon below camp and collected 1 *Ammospermophilus* *ammature* and 1 immature *Otospermophilus*.

I set my traps this evening the same place as last night. I saw numbers of bats and Night Hawks over the marsh, also one Poorwill.

June 25, 1927.

From 30 mouse traps set in marsh I got 2 Reithrodontomys.

The weather was rather cloudy all day there being rain in the mountains.

This morning I set my traps in a growth of tules back of the ranch house for Microtis. This evening I took 2 Reithrodontomys from the traps.

June 26, 1927

This morning I took 1 Microtis and 1 Reithrodontomys from my traps set in tules near ranch house.

The weather was hotter today than yesterday.

I left my traps all day in the tules and this morning I picked up another Microtis from them.

June 27, 1927.

From traps set in tules near Sangre de Cristo Ranch house I got 1 Microtis and 3 Reithrodontomys.

This morning we packed up and moved camp to Valle de la Trinidad, 58 miles southeast of Sangre de Cristo. We stayed at Alamo, a small mining town, for dinner and also to take a few pictures. We left Alamo at about 1:30 P.M. and got into the Valle the last part of the afternoon.

The valley is about 5 miles wide and about 15 miles long. The floor of the valley is a vast grassy plain and the sides are covered with a growth of mesquite and

June 22, 1937

fur

Three 30 minute traps set in morning
at 8 Rutland town.
The weather was rather cloudy all
day after being rain in the morning.
Fishing was good, but no fish were
a great of this half of the river
before for fishing. One evening I
took 3 Rutland town from the traps.

June 23, 1937

This morning I took 1 minute and 1
Rutland town for my traps set in
the river near town.
The weather was better today than
yesterday.
I left my traps set in the river and
this morning I picked up another 1 minute
from there.

June 24, 1937

Three traps set in the river near
Rutland town. I got 1 minute and 3 Rutland town.
This morning we packed up and moved
camp to 200 ft. as in the morning.
The camp of Rutland town. The camp at
Rutland, a small mining town, is about
10 miles from the river. The camp at
about 1:30 P.M. and got into the lake the last
part of the afternoon.
The water is about 5 miles wide and about
10 miles long. The floor of the water is
a most of the plain and the water is
covered with a growth of muskies and

June 27, 1927

junipers. Our camp is placed ~~a~~ near the western side of the valley not far from the ranch house in a grove of mesquites.

There are a number of Mockingbirds in the mesquites about camp and also a few pairs of *Phainopepla* were seen. I saw a small flock of bush ~~larks~~ tits in a mesquite near camp and several Western Gnatcatchers in the same bush. Thrashers were heard calling in the evening. Ravens are fairly common in the valley.

A few Antelope Gravid-Squirrels have already been seen in the Valley and near camp and Mr. Huey was fortunate in seeing a single Round-Tailed Ground Squirrel near the bottom of the grade in the Valley.

This evening I set my traps through the mesquites about camp. A few bats were seen after dark.

June 28, 1927

From 26 traps set through mesquites about camp I got 6 *Dipodomys agilis*.

The weather was warm today with a cool west wind.

A pair of Ash-Throated Flycatchers were seen near camp today.

This evening Mrs. Confield found the nest of a *Phainopepla* near camp with two downy young.

This evening I set out my traps through the mesquites east of camp.

June 29, 1927

May 26 traps at trough near gate
west of camp I got 3 *Dipodomys* *agilis*,
3 *Perognathus*, 1 *Onychomys*, and
1 *Perognathus* *fallax*.

The afternoon Mr. Hays and I walked
up to the hot springs about 2 miles west
of camp. Laid off a small number of
trap lines and a few Killdeer at
the creek.

The evening I set out traps through
mesquites east of camp.

June 30, 1927

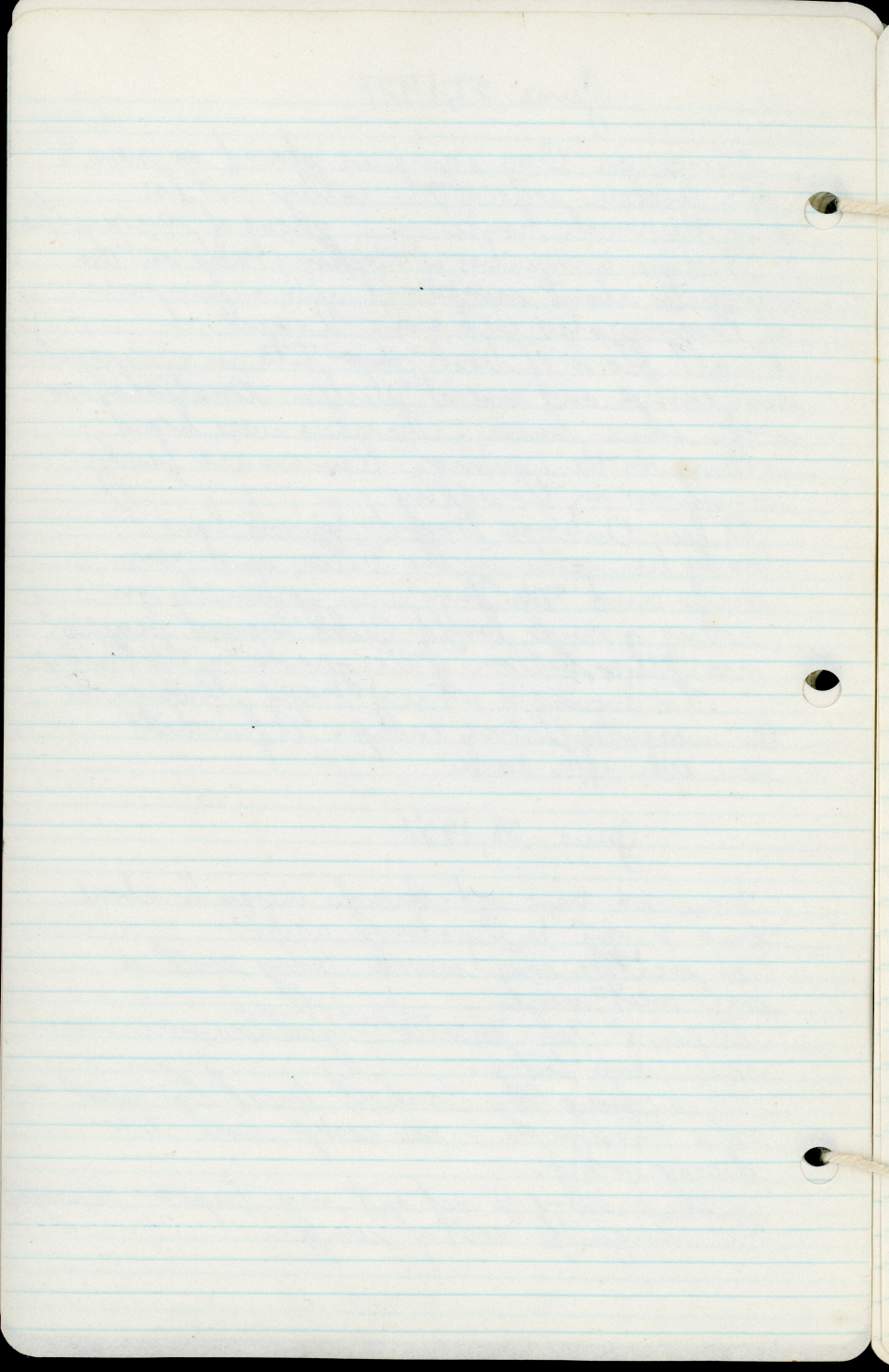
This morning my traps held 3 ~~per~~

Dipodomys *agilis*, 2 *Perognathus* *agilis* and

A *Perognathus* *fallax* bird was heard calling
for some time in a mesquite close to camp.
Mr. Hays attempted to stalk the bird but it
was impossible to locate it. When it was
flushed from the mesquite it flew low over
the tops of the mesquites and flew swiftly
westward. The bird was identified at once
by Mr. Hays as the California Cuckoo who
often frequents with the hawk.

I set out the traps in the mesquite
east of camp in about the same location as
last night.

This afternoon I set out 5 rat traps
among the mesquites above camp for
Dipodomys *agilis* and *Perognathus*.
We took along the *Dipodomys* *agilis* and
the mesquites about camp and are
quite certain of having heard the calls
of the *Perognathus* *fallax* bird.



June 29, 1927

From 26 traps set through mesquites east of camp I got 3 *Dipodomys agilis*, 5 *Peromyscus m.*, 1 *Onychomys*, and 1 *Perognathus fallax*.

This afternoon Mr. Huey and I walked over to the hot springs about $\frac{1}{2}$ mile west of ranch house. We saw a number of Cliff Swallows and a few Killdeer at the creek.

This evening I set out traps through mesquites east of camp.

June 30, 1927

This morning my traps held 5 ~~pp~~ *Dipodomys agilis* and 2 *Peromyscus m.*

This morning a bird was heard calling in a low tone in a mesquite close to camp. Mr. Huey attempted to stalk the bird but it flew before he could locate it. When it was frightened from the mesquite it flew low over the tops of the mesquites with a swift direct flight. The bird was identified at once by Mr. Huey as the California Cuckoo who was familiar with the call.

I set out the traps in the mesquites east of camp in about the same location as last night.

This afternoon I set out 8 rat traps among the mesquites above camp for *Dymnospermophilus* and *Citellus*.

We have seen the *Dymnospermophilus* in the mesquites about camp and are quite certain of having heard the calls of the Round Tail Ground Squirrel.

July 1, 1927

This morning my traps held 5 *Lepodomys agilis* and 1 *Onychomys*.

This afternoon Mr. Huey and I took a walk to the creek, about $\frac{1}{4}$ mile south of ranch house. Several Killdeer, Cliff Swallows and a Shrike were seen near the creek.

Mr. Huey collected a single Western? Sandpiper from the vegetation along the side of the creek. This Sandpiper was the only one seen.

This evening I set my traps through the junipers near the last hills above camp. While setting out the traps I saw a pair of Ashthroated Flycatchers.

This evening Mr. Huey collected 3 *Myotis* and 1 *Pipistrellus* bats.

July 2, 1927.

My traps held 2 *Lepodomys agilis*, 1 *Onychomys*, and 1 *Peromyscus m.* My rat traps set in mesquites contained 1 *Artemomys* this morning and one this evening.

This morning I saw 3 Bullock Orioles in a mesquite near camp 1 adult male of which Mr. Huey collected. Mrs. Canfield collected two Shrikes also this morning.

This afternoon I saw a pair of Spert-Blackthroated Sparrows in a mesquite bush. Near camp I saw a single male Black-headed Grosbeak fly into a mesquite.

Verdins were heard calling near camp this morning.

This evening I set my traps on a rocky hillside, in association of Juniper, cacti, and Saguaro tea, about $\frac{1}{4}$ mile north of camp. I moved the rat traps to the mesquites around camp.

July 1, 1957

This morning we took a look at the
cave and the surrounding area.
This afternoon we went out to the
cave to the creek, about 1/2 mile south of
camp. There is a small stream, the creek
and a bank more than 100 feet high.
We have collected a small stream, the creek
and the vegetation along the bank of the
creek. This morning we took a look at the
cave. This morning I set out traps along the
cave. We have seen the last of the cave.
This morning we took a look at the cave.
of the cave. This morning we took a look at the cave.
and 1. *Pipistrellus hesperus*

July 2, 1957

This morning we took a look at the
cave and the surrounding area.
This afternoon we went out to the
cave to the creek, about 1/2 mile south of
camp. There is a small stream, the creek
and a bank more than 100 feet high.
We have collected a small stream, the creek
and the vegetation along the bank of the
creek. This morning we took a look at the
cave. This morning I set out traps along the
cave. We have seen the last of the cave.
This morning we took a look at the cave.
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creek. This morning we took a look at the
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cave. We have seen the last of the cave.
This morning we took a look at the cave.
of the cave. This morning we took a look at the cave.
and 1. *Pipistrellus hesperus*

July 3, 1927

From 25 traps set on hillside about $\frac{1}{4}$ mile north of camp, in association of juniper, cactus, and agave I got nothing. From the rat traps set in mesquites around camp I found 1 Dipodomys agilis.

The weather was cloudy today and it sprinkled several times.

This afternoon I shot an immature Ammospermophilus in the junipers & mesquites north of camp.

I saw several Desert Black-Throated Sparrows in the mesquites today.

This evening I put out my traps through the mesquites east of camp.

July 4, 1927

My 25 mouse traps set in association of mesquite east of camp held 3 Dipodomys agilis, and 1 Onychomys. My rat traps set in Mesquites north of camp also contained 1 Dipodomys agilis.

This morning I took an adult female Ammospermophilus from rat trap.

This evening I put out my traps through mesquites north of camp.

July 5, 1927

This morning I took 4 Dipodomys agilis, and 2 Peromyscus m. from my 24 mouse traps set in Mesquites north of camp. I also took an adult female ~~from my~~ Ammospermophilus from rat trap set north of camp in mixed Mesquite and few junipers. Weather cloudy today with rain in Mountains. This evening set traps through mesquites about camp.

July 6, 1927

My 24 mouse traps set through mesquites above camp held 2 *Dipodomys agilis*, 1 *Peromyscus m.*, and 1 *Onychomys*.

Today the weather was hot and humid and cloudy; it rained quite hard the first half of the afternoon.

This morning while going with Mr. Huey to the rat traps about 4 miles east of camp we flushed the Cuckoo from a mesquite ahead of us. Mr. Huey was unable to get a shot at it. About noon Mr. Huey brought back 1 Ground Squirrel and 1 *Citellus tereticaudus*. This is the first of the latter mammal collected and we hope to collect more.

This evening we set our traps near the low hills north of camp for the silky ~~Peromyscus~~ *Perognathus* only one of which has been collected by Mr. Huey in this Valley. The traps were set through association of "buckwheat", Squaw tea, juniper and mesquite. The ground is coarse and rocky.

July 7, 1927

My 24 traps held 1 *Dipodomys agilis*.

This morning Mrs. Canfield and Mr. Huey found 5 baby *Amuroperomophilus* wandering about under a large Mesquite tree a short distance east of camp. They were brought into camp and fed with diluted condensed milk and are now doing fine. The mother was probably caught by some Coyote or wild cat. She quite had started to attack the little mammals.

This evening I set out my traps in the field on the floor of the valley south of the ranch house.

La Puerta Valley, (Potato Patch)
San Diego Co Cal., July 5 1927

The afternoon of the 3rd of July I
set out 40 traps in what we know
locally as the "Potato Patch". This is
a group of small springs on a hillside
2 1/2 miles southwest of my cabin.
Around these springs is an acre or so of
more or less damp land, with a growth
of salt grass, burn clover, weeds, brush of
several kinds, mesquit bushes, a few
small willows, etc. Around this damp
land the region is dry and boulder-
strewn with the usual scattered arid
land shrubs, but above it begins

the mountain side growth of chaparral.
I set out two gopher traps and got
one gopher. There were signs of more
gophers, but the soil was so hard and
dry that without a pick it was almost
impossible to open a run. I got several
harvest mice, but the ants had
damaged them so much that I have
saved but two. I set 15 of the traps
up in the chaparral. Yesterday morn-
ing none were disturbed. This morning
but one was. It had caught an
Arnospermophilus but ants had
cut off most of its hair. I took up
all the traps in disgust.

The altitude is 2650 feet.
The three specimens are marked PP

La Punta Valley (Potato Patch)
San Diego Co. Cal., July 6 1927

The afternoon of the 2nd of July I
went with 40 traps in which I know
basically as the "Potato Patch". This is
a group of small springs on a hillside
2 1/2 miles southwest of my cabin.
Among these springs is one over 20 ft
more or less deep, with a deposit
of salt grass, four lower ones, thick of
annual herbs, including bushes, a few
small willows, etc. Among this group
land the region is dry and barren
thence with the most scattered soil
hard shrubs, but where it begins
the mountain side growth of chaparral
I put out two gopher traps but got
no gophers, there were signs of some
gophers but the soil was too hard and
dry that without a pick it was almost
impossible to find a run, I got several
harvest mice but the ants had
damaged them so much that I have
saved but two I put 15 of the traps
up in the chaparral, gathering some
ing none were disturbed, this morning
but one was, it had caught an
Pomaphysalis but not a rat
out of most of its hair, I took up
all the traps in this patch
the catch is 2520 plus
The three specimens are numbered 99

July 9 1927

This forenoon I put out 50 mouse and rat traps on the southeast side of Granite Mountain, which borders the north west end of La Puerta Valley. A cañon that heads near the summit of the mountain comes into the lower end of the Box Cañon. It is narrow and rocky with many rocky falls and intervening strips of sand wash. I put out the traps along the sides near the bottom of this rocky cañon at from 2600 to 3000 feet altitude. In the sand wash were tracks of coyotes and of a *Spilogale* the latter not fresh, but it had traveled the cañon as far as I went, which was about a mile. Birds were very scarce in the cañon, I saw but four or five. I took my gun along, but failed to get a shot.

7 Sept 1957

This morning I took out 20 cones and set traps
on the southwest side of Cascade Mountain
which for decades the north west end of
the Pointe Valley. A series of traps were set
around the base of the mountain into the house
and of the Box Canyon. It is a narrow and rocky
with many rocky falls and interesting strips of
sand and silt. I put out the traps along the
side near the bottom of this rocky canyon at
from 2000 to 3000 feet altitude, for the sand
and some tracks of coyotes and of a chipmunk.
The latter was fresh. But it had traveled
the entire as far as I could, which was about
a mile. Birds were very scarce in the canyon.
I took my gun along, but
failed to get a shot.

July 7, 1927

The ground is covered with low growing brush and a few straggling mesquites

July 8, 1927

My traps held 2 *Lepodomys agilis* and 2 *Peromyscus m.*

This morning a Mexican brought in an adult male kit fox which he had trapped in the floor of the Valley a few miles east of the ranch house.

While returning from the rat traps this morning Mr. Huey and I saw a male Scott Oriole fly across the path in front of us.

This evening I set out my traps through the mesquites west of camp. Mr. Huey set out a number of traps along the drainage stream of the Cottonwood spring and a few more down the creek for *Microtus*.

July 9, 1927

My 32 traps contained 2 *Lepodomys agilis*. This morning the Mexican brought in 2 more Kit Foxes, 1 male and 1 female adult.

This afternoon Mr. Huey and I made a trip up to the spring about 3 miles east of the ranch to clean up the spring and make a small well.

This evening we set out our traps in a field overgrown with low brush and few straggling, tall growing mesquites about a mile east of the ranch house.

July 10, 1927.

This morning my 22 traps held 6 *Lepodomys agilis*.

Another Kit Fox was brought in by the

July 7, 1937

20 young in nest with 10 growing birds
and a few starting independent

July 8, 1937

My traps held 2 *Lophortyx* and 2
Perdix in

This morning a Mexican hawk in the
adult male but for which he had trapped
in the floor of the valley a few miles east
of the gold mine.
Which returned from the nest this
morning after being out for 2 days but
which did not see the rest of her
chicks. I set out my traps through
the mountains west of camp. The hawk set
out a number of traps along the drainage
stream of the Colorado valley and the more
down the creek for *Perdix*.

July 9, 1937

My 20 traps contained 2 *Lophortyx* and 2
This morning the Mexican hawk in 2
more but traps 1 male and 1 female adult.
The *Lophortyx* and 2 male and 2 female
it to spring about 2 miles east of the gold
to clean up the spring and make a small pond.
This morning we set out my traps in a field
nearby but found them empty.
A few birds, but none were near the
a little west of the gold mine.

July 10, 1937

This morning my 2 traps held 2 *Lophortyx*
and 2 *Perdix*.
Another 20 was brought in by the

July 10, 1937

Mexican boy this morning.

Mr. Huey brought in a good adult male Round-Tailed Ground Squirrel this afternoon from the Rat traps. In the latter part of the afternoon Mr. Huey and I took another trip up to the springs to inspect the well. Numbers of Round Tailed Ground Squirrels were heard piping and seen about the mesquites and Chollas and much workings of Kangaroo Rats, etc. were seen warranting a good trapping ground. Numbers of Mourning Doves were feeding on the ground in the vicinity of the spring and several were shot for food. We set out 6 of the Schuyler traps for litters and on the return trip picked up a good adult specimen.

No traps were set out this evening as we are intending upon moving camp tomorrow morning for to the spring.

July 11, 1937.

This morning I discovered the nest of an Ash Throated Flycatcher in a small box set up grid-wise with an open top on the top of a pole about 8 feet from the ground in back of the ranch house. The nest contained 7 eggs.

This afternoon we packed up and moved camp to the spring about 3 miles up the valley west of the ranch house. We made camp under a huge Cat-claw tree. The ground is covered with a sparse growth of Sparrow, Joshua trees, Sea, Cholla, Cat-claw and few Creosote bushes. This evening I set out traps south of camp in above mentioned association.

July 10/1907

When we left this morning
the first light in a soft white
ground - the clouds below the horizon from
the hot sun for the latter part of the
afternoon Mr. Brown and I took another trip
up to the spring to report the work.
A number of small birds were seen
about the spring and some about the mountains and
about the small mountains of the valley but
there were some interesting birds to be seen
of course. A number of Mountain Quails were
seen on the ground for the greater part
of the morning and some were shot for food.
We got out of the mountain traps for
the first time on the mountain trip. We had up
a good deal of information.
Mr. Brown went out to the spring as we
are interested in seeing what is going on
morning for the spring.

July 11/1907

The morning of the 11th was very hot and
the clouds were in a small way but not up and
was not so open as in the top of the
about 8 feet from the ground in the back of the
small house. The hot sun was in the
This afternoon we packed up our camp
to the morning about 3 miles up the valley
west of the spring house. We had a very
small camp but - about 100 feet from the ground
in a small valley - a good growth of grass -
also, grass, but low and for the most part
low. This morning we got out the south
of camp in small mountains.

July 12, 1927

This morning my traps held 3 *Dipodomys agilis* and 2 *Peromyscus m.*

This morning the Schuyler Traps were put out about camp and 16 Round-Tailed Ground Squirrels were collected during the day.

A Scott Oriole was heard this morning singing north of camp. A few Cactus Wrens were also heard calling.

During the evening large flocks of Mourning Doves come to the spring to drink.

I set out my 20 traps through the Cat-claw, Squaw Sea, Cholla association east of camp this evening.

July 13, 1927

My traps held 6 *Dipodomys agilis*, 2 *Dipodomys merriami*, and 1 *Peromyscus m.*

Two Round-Tailed Ground Squirrels were taken from the Schuyler traps today. No effort was made to collect many today.

We set out no traps this evening as we expect to spend our time tomorrow collecting and putting up Round-Tailed Ground Squirrels.

July 14, 1927

Today 18 Round-Tailed Ground Squirrels were collected.

This morning Mr. Key and Mrs. Amfield collected 4 Cactus Wrens, 1 Cactus Woodpecker and 2 Calif. Shrikes.

The weather has been quite comfortable at this camp although a strong west wind blows every afternoon.

This evening I set out my traps through Cat-claw, Squaw Sea, Cholla, and Joshua tree about 4 miles south of camp.

July 15, 1927.

My 22 traps held 3 *Lepidomys agilis* and
3 *Peromyscus* sp.

During the day we collected about 14 Round-Tailed, Ground Squirrels and 1 *Ammospermophilus* from the Schuyler traps sets about the Cat-claw and Squaw tea bushes near camp.

This afternoon Mr. Huey saw a Thrasher a short distance from camp but could not get within range of it.

This evening Mr. Huey and I took one of the forks and went about a half mile south ^{up} the valley and set out my traps. I set my traps along a small sandy wash in association of mainly Cholla Cactus, Cat-claw, four creosotes, and Squaw tea.

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